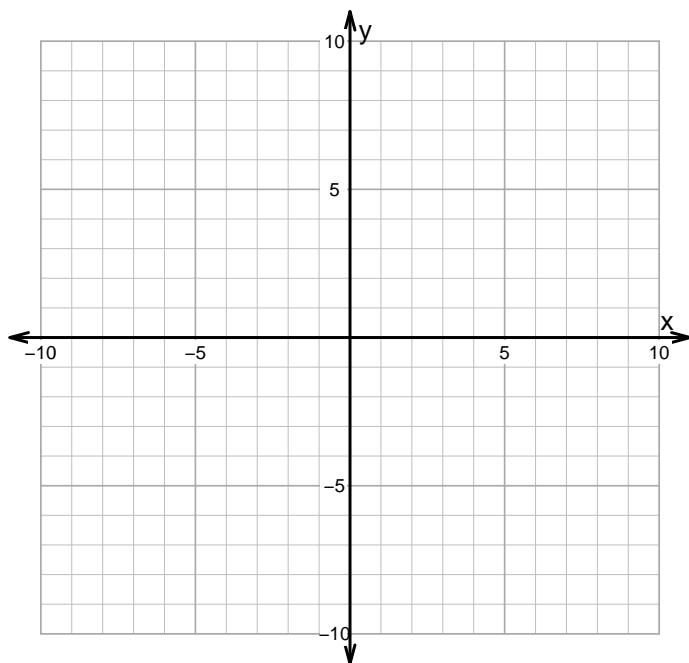


Name: _____

p1017: Graphing transformed parents and locating features

1. Make an accurate graph, and describe locations of features.

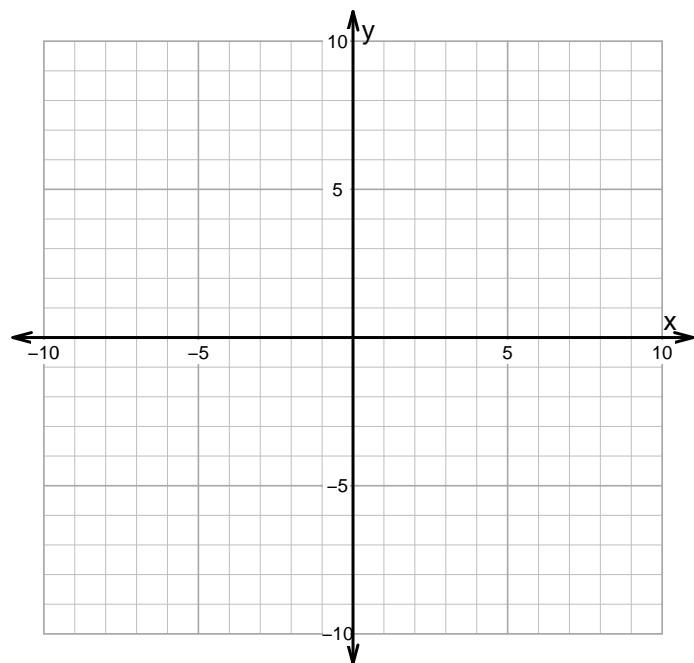
$$y = -\log_2 \left(1 - \frac{x}{3} \right) + 1$$



Feature	Where
Domain	
Range	
Positive	
Negative	
Increasing	
Decreasing	
Asymptote(s)	

2. Make an accurate graph, and describe locations of the features.

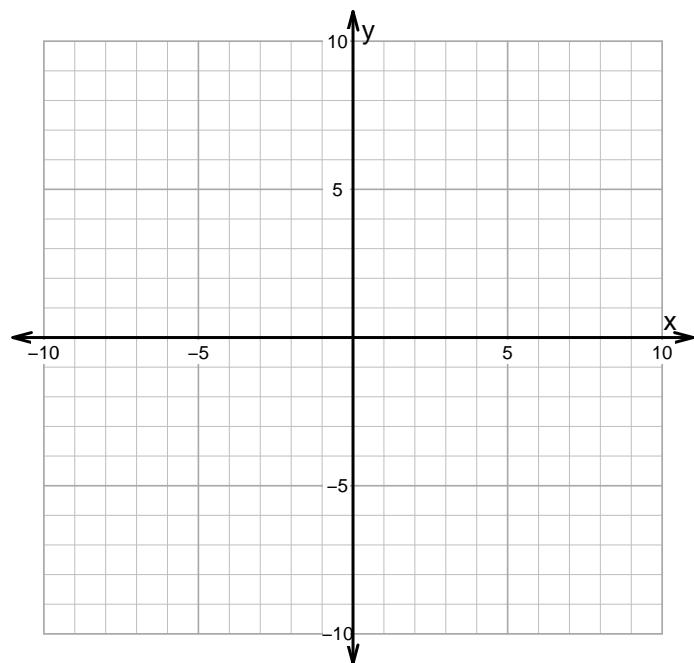
$$y = \frac{3}{x+5} - 1$$



Feature	Where
Domain	
Range	
Positive	
Negative	
Increasing	
Decreasing	
Asymptote(s)	

3. Make an accurate graph, and describe locations of the features.

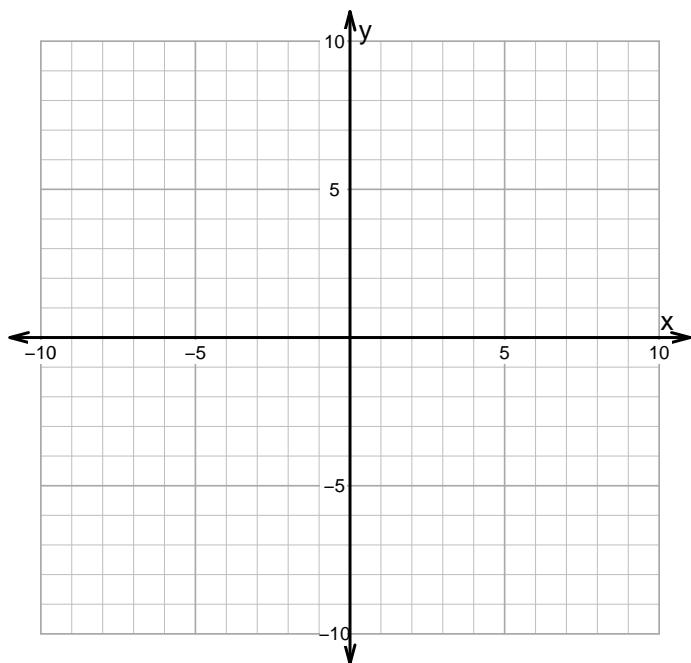
$$y = 2^{1-\frac{x}{3}} - 4$$



Feature	Where
Domain	
Range	
Positive	
Negative	
Increasing	
Decreasing	
Asymptote(s)	

4. Make an accurate graph, and describe locations of the features.

$$y = -\left|\frac{x}{3} - 1\right| + 2$$



Feature	Where
Domain	
Range	
Positive	
Negative	
Increasing	
Decreasing	
Asymptote(s)	